

# **Study Guide for Quiz—Earthquakes Activities 1 and 2**

## **I. Activity 1**

### **A. Seismic waves**

1. Recognize a diagram

### **B. Focus**

1. Recognize a diagram

### **C. Epicenter**

1. Recognize a diagram

### **D. Primary waves**

1. Alternate name
2. How it moves
3. Arrival time/speed
4. Material(s) it moves through
5. Recognize a diagram

### **E. Secondary waves**

1. Alternate name
2. How it moves
3. Arrival time/speed
4. Material(s) it moves through
5. Recognize a diagram

### **F. Surface waves**

1. Arrival time/speed
2. Effects on Earth's surface
3. Two types
  - i. Name
  - ii. How each type moves
  - iii. Recognize each type of diagram

## **II. Activity 2**

### **A. Recognize diagrams**

1. Seismogram
2. Tsunami